



SEQUENCE LISTING

<110> Jeffrey John Gorman

<120> Viral Peptides with Structural Homology to Protein G of
Respiratory Syncytial Virus

<130> 273402004000

<140> US 09/202,035

<141> 1998-12-17

<150> PCT/AU97/00351

<151> 1997-06-04

<150> AU PO 0265

<151> 1996-06-05

<160> 44

<170> PatentIn Ver. 2.1

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<210> 1
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<213> respiratory syncytial virus

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Lys Gln Arg Gln Asn Lys Pro Pro Ser Lys Pro Asn Asn Asp Phe His
1 5 10 15
Phe Glu Val Phe Asn Phe Val Pro Cys Ser Ile Cys Ser Asn Asn Pro
20 25 30
Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
Lys

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20 25 30
Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
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35 40 45
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Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
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Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
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Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
Lys

<210> 7
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<213> respiratory syncytial virus

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Phe	Glu	Val	Phe	Asn	Phe	Val	Pro	Cys	Ser	Ile	Cys	Ser	Asn	Asn	Pro
	20					25							30		
Thr	Cys	Trp	Ala	Ile	Cys	Lys	Arg	Ile	Pro	Asn	Lys	Lys	Pro	Gly	Lys
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Lys															

<210> 8

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1				5				10					15		
Phe	Glu	Val	Phe	Asn	Phe	Val	Pro	Cys	Ser	Ile	Cys	Ser	Asn	Asn	Pro
	20					25							30		
Thr	Cys	Trp	Ala	Ile	Cys	Lys	Arg	Ile	Pro	Asn	Lys	Lys	Pro	Gly	Lys
	35					40							45		

Arg

E 13 <210> 9

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Lys	Ser	Arg	Ser	Lys	Asn	Pro	Pro	Lys	Lys	Pro	Lys	Asp	Asp	Tyr	His
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Phe	Glu	Val	Phe	Asn	Phe	Val	Pro	Cys	Ser	Ile	Cys	Gly	Asn	Asn	Gln
	20					25							30		
Leu	Cys	Lys	Ser	Ile	Cys	Lys	Thr	Ile	Pro	Ser	Asn	Lys	Pro	Lys	Lys
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Lys															

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Phe	Glu	Val	Phe	Asn	Phe	Val	Pro	Cys	Ser	Ile	Cys	Gly	Asn	Asn	Gln
	20					25							30		
Leu	Cys	Lys	Ser	Ile	Cys	Lys	Thr	Ile	Pro	Ser	Asn	Lys	Pro	Lys	Lys
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Lys															

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35 40 45
Lys

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20 25 30
Leu Cys Lys Ser Ile Cys Lys Thr Ile Pro Ser Asn Lys Pro Lys Lys
35 40 45
Lys

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20 25 30
Leu Cys Lys Ser Ile Cys Lys Thr Ile Ser Ser Asn Lys Pro Lys Lys
35 40 45
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<210> 14
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20 25 30
Leu Cys Lys Ser Ile Cys Lys Thr Ile Pro Ser Asn Lys Pro Lys Lys

35

40

45

Lys

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20 25 30
Leu Cys Lys Ser Ile Cys Lys Thr Ile Pro Ser Asn Lys Pro Lys Lys
35 40 45
Lys

<210> 16
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Asn Pro Ser Gly Ser Ile Pro Pro Glu Asn His Gln Asp His Asn Asn
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Phe Gln Thr Leu Pro Tyr Val Pro Cys Ser Thr Cys Glu Gly Asn Leu
20 25 30
Ala Cys Leu Ser Leu Cys His Ile Glu Thr Glu Arg Ala Pro Ser Arg
35 40 45
Ala

<210> 17
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<400> 17
Lys Gln Arg Gln Asn Lys Pro Pro Ser Lys Pro Asn Asn Asp Phe His
1 5 10 15
Phe Glu Val Phe Asn Pro Val Pro Cys Ser Thr Cys Ser Asn Asn Pro
20 25 30
Thr Arg Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
Lys

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1 5 10 15

Phe Glu Val Ser Asn Phe Val Pro Cys Ser Ile Cys Ser Asn Asn Pro
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Thr Cys Trp Ala Ile Arg Lys Arg Thr Pro Asn Lys Lys Pro Gly Lys
35 40 45
Lys

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Phe Asn Phe Val Pro Cys Ser Ile Cys Ser Asn Asn Pro Thr Cys Trp
20 25 30
Ala Ile Cys Lys
35

E 3

<210> 20
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<400> 20
Gln Asn Lys Pro Pro Ser Lys Pro Asn Asn Asp Phe His Phe Glu Val
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Phe Asn Phe Val Pro Cys Ser Ile Cys Ser Asn Asn Pro Thr Cys Trp
20 25 30
Ala Ile Cys Lys
35

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1

5

10

15

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Ala Ile Cys Lys
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<210> 23
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G *B* <400> 23
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Ile Cys Lys

<210> 25
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Asn Phe Val Pro Cys Ser Ile Cys Ser Asn Asn Pro Thr Cys Trp Ala
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Cys Ser Ile Cys Ser Asn Asn Pro Thr Cys Trp Ala Ile Cys Lys
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<210> 28
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G *B*

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Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
Lys

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20 25 30
Leu Cys Lys Ser Ile Cys Lys Thr Ile Pro Ser Asn Lys Pro Lys Lys
35 40 45
Lys

<210> 34

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Ala Cys Leu Ser Leu Cys His Ile Glu Thr Glu Arg Ala Pro Ser Arg
35 40 45
Ala

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Ser Ser Gln Lys Ser Asn Pro Ser Glu Ile Gln Gln Asp Tyr Ser Asp
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Phe Gln Ile Leu Pro Tyr Val Pro Cys Asn Ile Cys Glu Gly Asp Ser
20 25 30
Ala Cys Leu Ser Leu Cys Gln Asp Arg Ser Glu Ser Ile Leu Asp Lys
35 40 45
Ala

E (3)

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20 25 30
Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
Lys

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20 25 30
Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro
35 40

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E (3) <400> 38
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Asn Pro Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro
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Gly Lys Lys
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Phe Glu Val Phe Asn Phe Val Pro Cys Ser Ile Cys Gly
20 25

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<222> (49)
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Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45

Lys

E(3)
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20 25 30
Gly Lys Lys
35

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<223> amidation

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20 25 30
Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
Lys

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(3)
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Phe Glu Val Phe Asn Phe Val Pro Cys Ser Ile Cys Ser Asn Asn Pro
20 25 30
Thr Cys Trp Ala Ile Cys Lys Arg Ile Pro Asn Lys Lys Pro Gly Lys
35 40 45
Lys

E
CONC.
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derivatisation
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10/10/2003
See C.
de

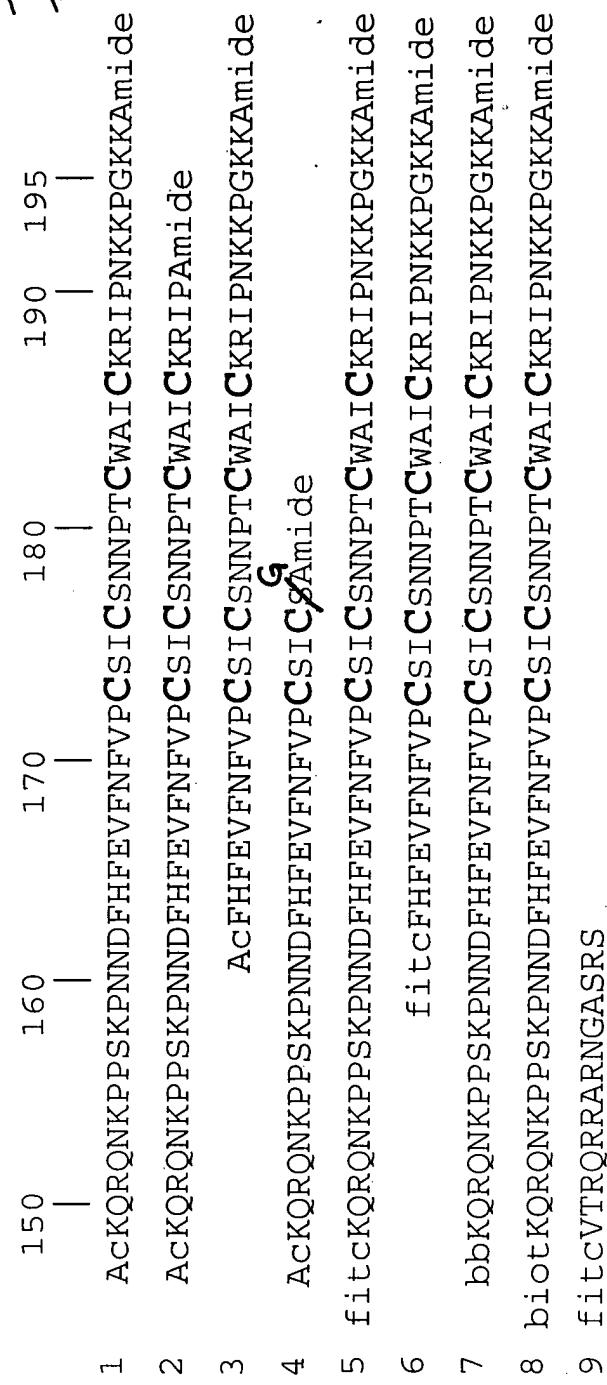


FIGURE 12